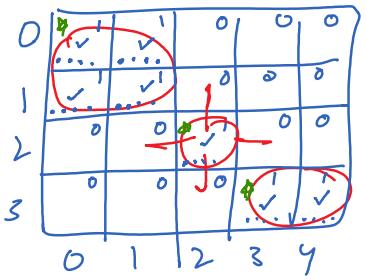
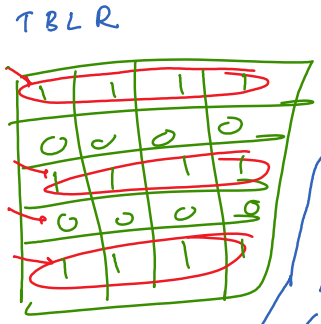
Monday, June 13, 2022 9:19 PM



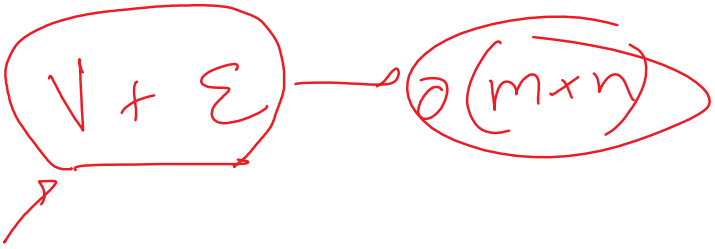


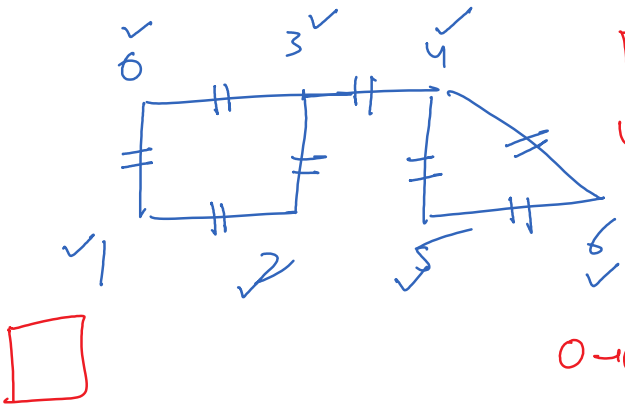
m x n

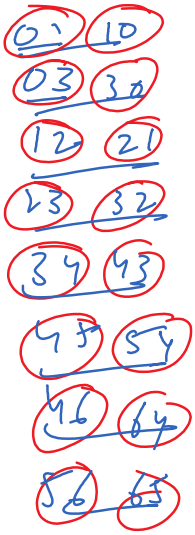
m+n

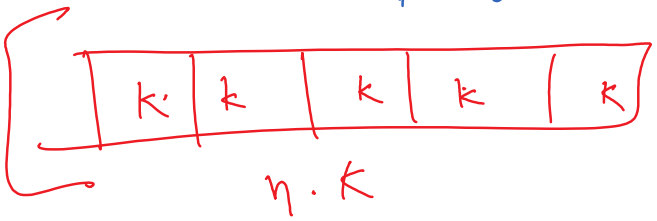
```
public void traverse(char[][] grid, boolear
    if(i < 0 || j < 0 || i >= grid.length |
        return;
    } else if(grid[i][j] == '0'){
        return;
    } else if(visited[i][j] == true){
        return;
    }

    visited[i][j] = true;
    traverse(grid, visited, i - 1, j);
    traverse(grid, visited, i + 1, j);
    traverse(grid, visited, i, j - 1);
    traverse(grid, visited, i, j + 1);
}
```









for (i = 1; i <= n; i++) {

if (i == 5)

$n^2 + 1$ if i = 5

0

if (i == 5) {

n^2 K

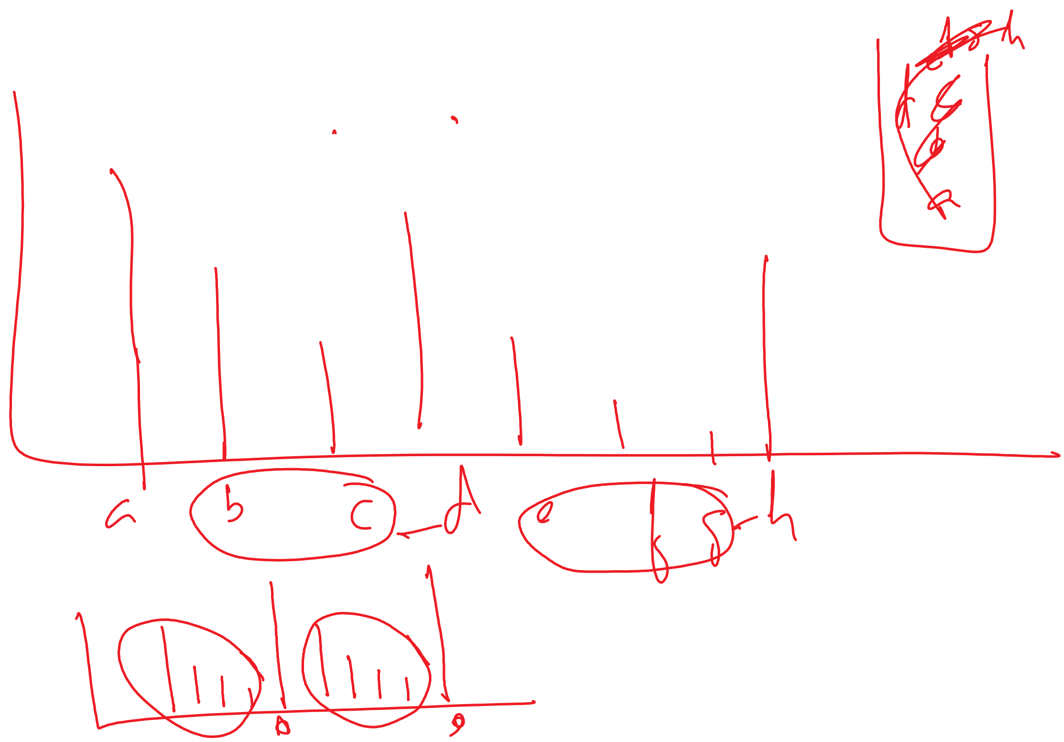
}

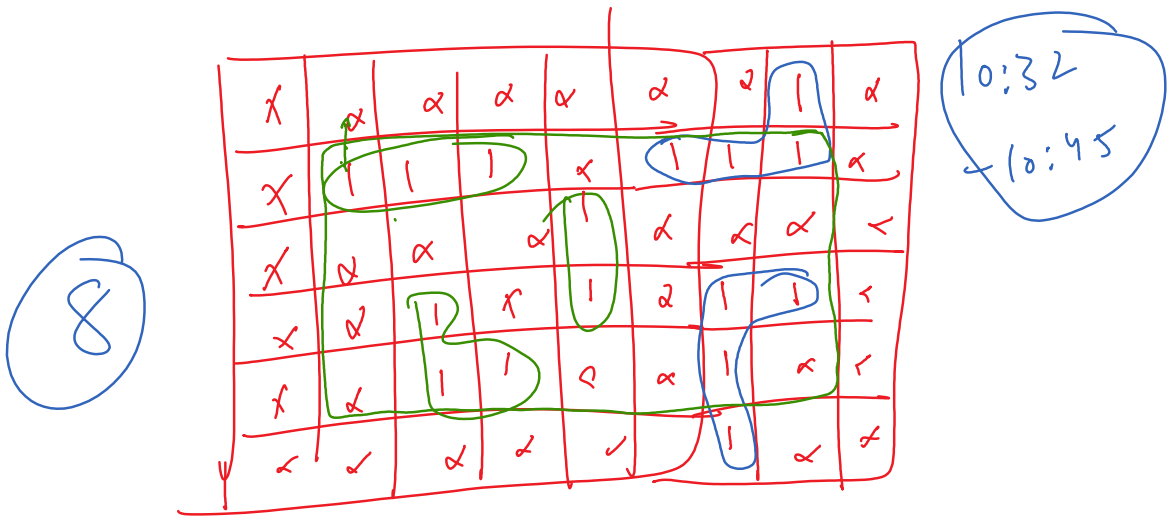
}

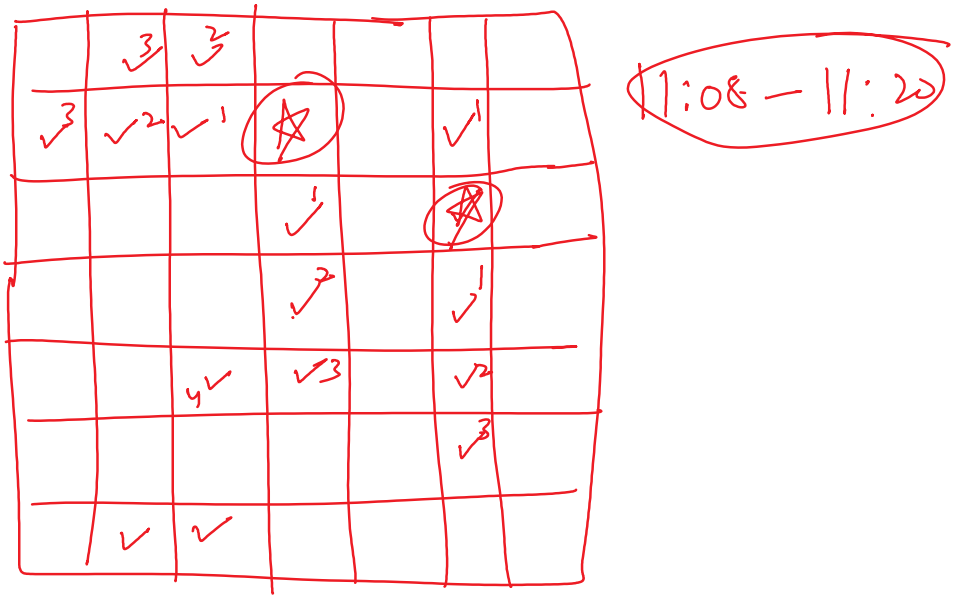
$n^2 * k$ i = 5

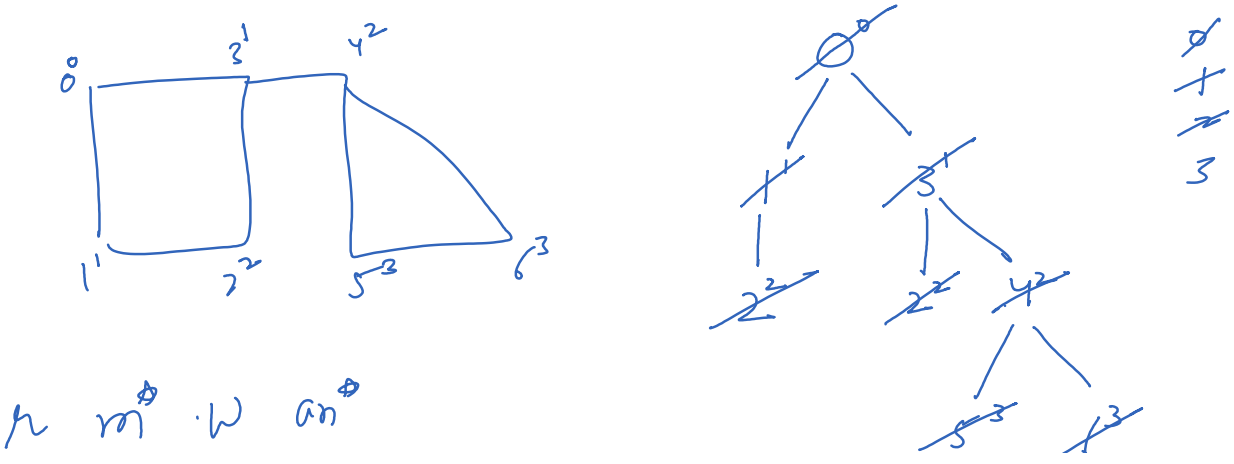
$(n-1) * k$ i ≠ 5

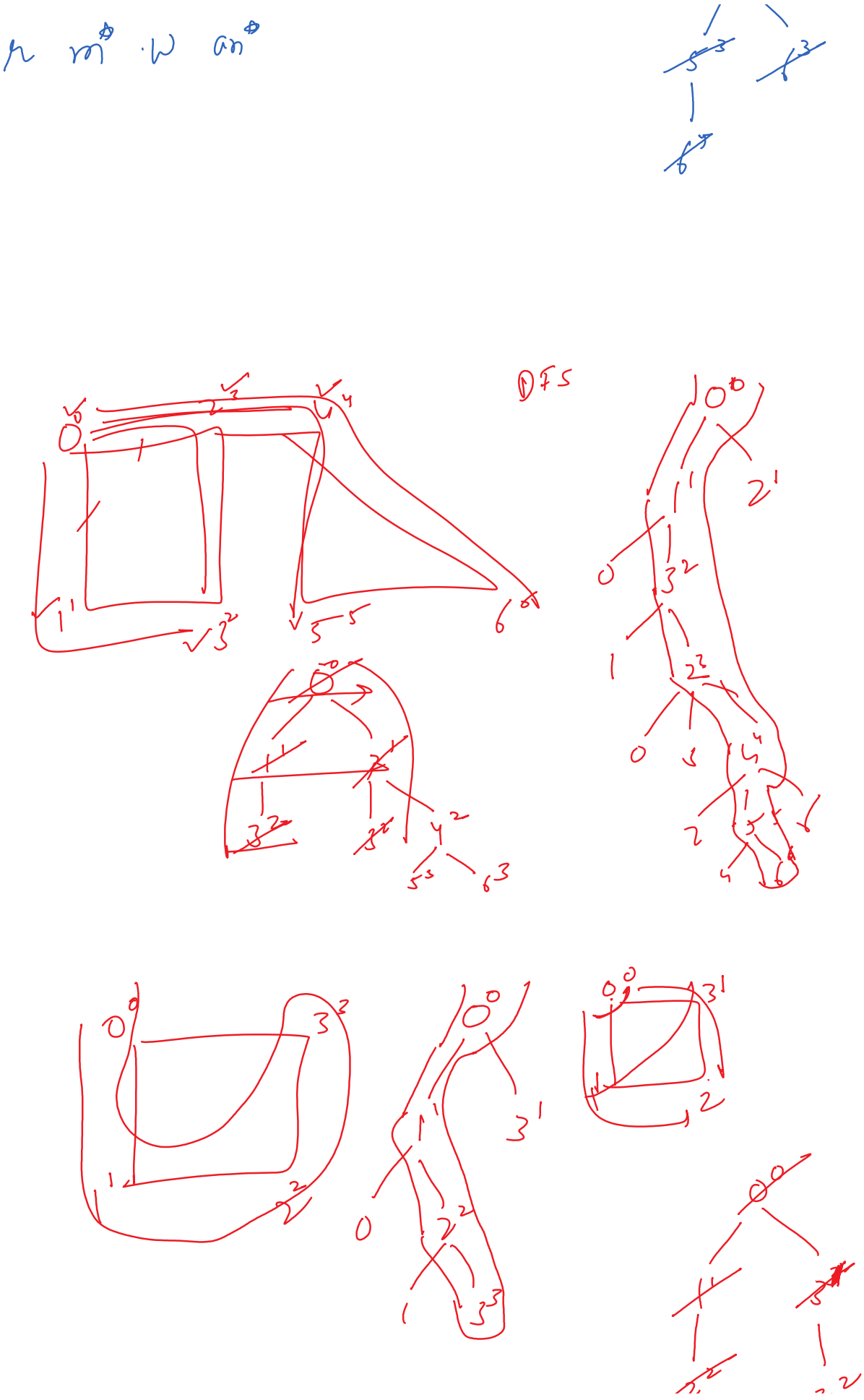
$n^2 * k^1 n$

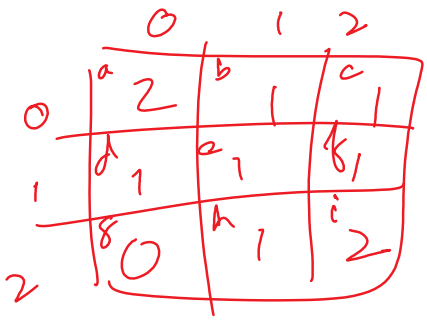


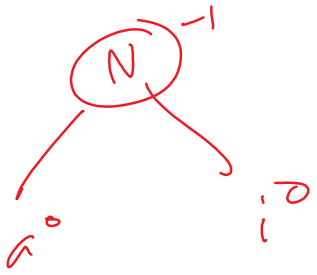

10:32
10:45

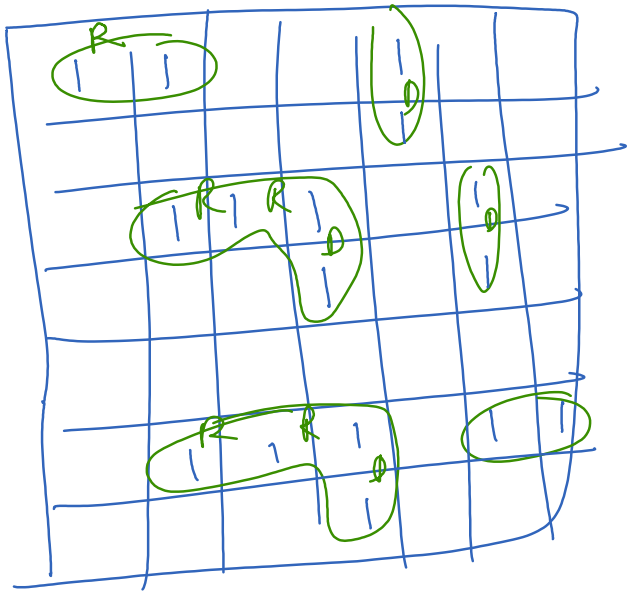

11:08 – 11:25




DFS







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Homework